27 exam27

SSC CGL 2016 Tier I · 27 Aug 2016 · Shift 1

Previous-year question paper · 100 questions · questions only

Section	Questions
General Intelligence & Reasoning	25
General Awareness	25
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General Intelligence & Reasoning

Q. 1.

Select the related word/letters/number from the given alternatives.

Donkey : Brays :: Monkey : ?

(A) Chatters
(B) Trumpets
(C) Bellows
(D) Grunts

Q. 2.

Select the related word/letters/number from the given alternatives.

ABDE : FGIJ :: IJLM : ?

(A) NOQR
(B) NOPQ
(C) NMOP
(D) NPQR

Q. 3.

Select the related word/letters/number from the given alternatives.

1 : 8 :: ? :64

(A) 25
(B) 36
(C) 30
(D) 27

Q. 4.

For the following questions

Find the odd word/letters/number pair from the given alternatives.

(A) Swimming

(B) Sailing

(C) Diving

(D) Driving

Q. 5.

For the following questions

Find the odd word/letters/number pair from the given alternatives.

(A) RGTF

(B) MLOK

(C) CTES

(D) VDZC

Q. 6.

For the following questions

Find the odd word/letters/number pair from the given alternatives.

(A) 443

(B) 633

(C) 821

(D) 245

Q. 7.

Arrange the following words as per order in the dictionary

1. Dyke 2. Dwindle 3. Dwell 4. Dye

(A) 3,2,4,1

(B) 1,3,4,2

(C) 2,1,3,4

(D) 3,4,2,1

Q. 8.

Choose the correct alternative that will replace the question mark in the given series:

DHL, PTX, BFJ, ?

(A) KOS

(B) NRV

(C) NPS

(D) NRU

Q. 9.

Find the wrong number in the series:

28, 33, 31, 36, 34, 29

(A) 33
(B) 36
(C) 34
(D) 29

Q. 10.

The age of Rakhi is twelve times that of her daughter Anubha. If age of Anubha is 3 years now, then what was the age of Rakhi, 2 years earlier?

(A) 20 years
(B) 34 years
(C) 30 years
(D) 36 years

Q. 11.

Satya's birthday falls on 15th August and Meena's birthday falls on 25th June. If Meena's birthday was on Wednesday, what was the day on Sathya's birthday in the same year?

(A) Friday
(B) Monday
(C) Tuesday
(D) Saturday

Q. 12.

From the given words, select the word which can be formed using the letters of the given word.
AMPLIFICATION

(A) ACTOR
(B) MANOR
(C) CHAMP
(D) MANIA

Q. 13.

If BLACKSMITH is coded as CNBELUNKUJ, then CHILDREN will be coded as ?

(A) DIJMESFO
(B) DJJNETFP
(C) DJINETEP
(D) DJJNETEP

Q. 14.

If 17 + 17 = 2895
18 + 18 = 3245
19 + 19 = 3615
then 23 + 23 = ?

(A) 5765

(B) 2565
(C) 4005
(D) 5295

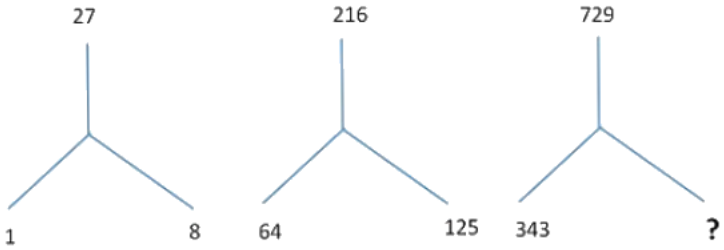
Q. 15.

In the following problem, '=' stands for '÷' , '+' stands for '-' , 'x' stands for '=', '-' stands for '+' and '÷' stands for 'x'. Find the correct equation.

(A) 8 ÷ 4 + 1 - 5 = 6 x 4
(B) 4 x 6 ÷ 4 + 4 = 7
(C) 5 ÷ 3 - 25 + 20 = 20 x 39
(D) 96 ÷ 2 x 6 ÷105 + 1

Q. 16.

Select the missing number from the given responses.



(A) 432
(B) 334
(C) 512
(D) 501

Q. 17.

A man walked 9 km towards East and then 12 km towards South. How far is he from the starting point?

(A) 8 km
(B) 6 km
(C) 15 km
(D) 7.5 km

Q. 18.

Consider the given statement/s to be true and decide which of the given conclusions/assumptions can definitely be drawn from the given statement.

Statement:

Poverty is a symptom as well as a consequence of social disorder.

Assumptions:

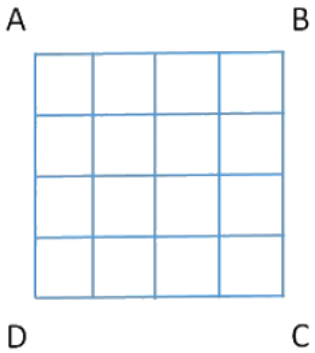
I. Poverty is a type of social order
II. Poverty is related to social order

(A) only I assumption is correct
(B) only assumption II is correct
(C) Both assumptions I and II are correct

(D) Neither assumption I nor II is correct

Q. 19.

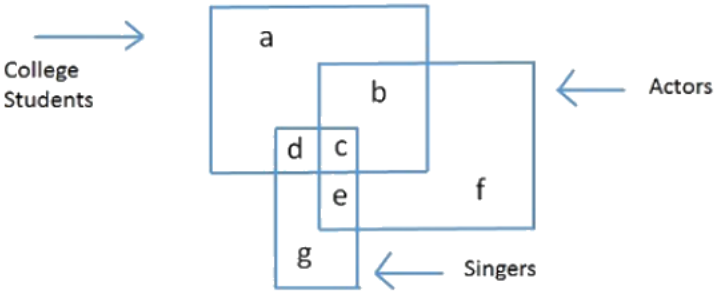
How many squares are there in the square figure ABCD?



(A) 16
(B) 17
(C) 26
(D) 30

Q. 20.

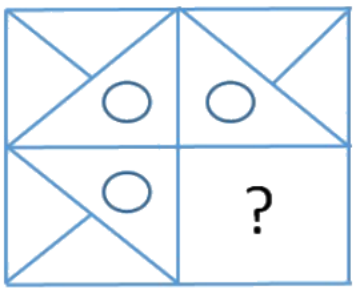
Find the part which represents those actors who are also singers



(A) a
(B) b
(C) c
(D) f

Q. 21.

Which answer figure will complete the pattern in the question figure?



(A)

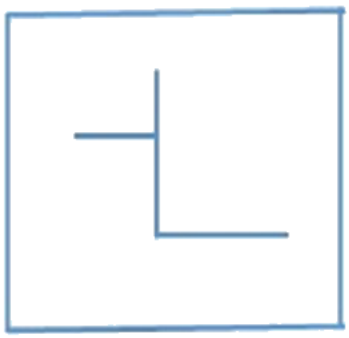
(B) 

(C) 

(D) 

Q. 22.

From the given answer figures, select the one in which the question figure is hidden/embedded.



(A) 

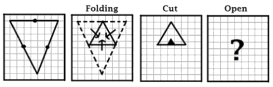
(B) 

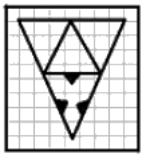
(C) 

(D) 

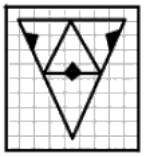
Q. 23.

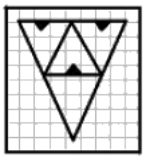
A piece of paper is folded and cut as shown below in the question figures. From the given answer figures, indicate how it will appear when opened.



(A) 

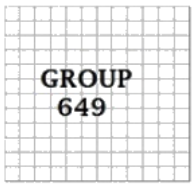
(B) 

(C) 

(D) 

Q. 24.

Which of the answer figure is exactly the water image of the given figure?



(A) 

(B) 

(C) 

(D) 

Q. 25.

In the question, a word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of Matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., G can be represented by 04, 40, etc., and 'K' can be represented by 56, 75, etc.

Similarly you have to identify the set for the word 'NILE'

Matrix - I

	0	1	2	3	4
0	C	D	E	F	G
1	F	G	C	D	E
2	D	E	F	G	C
3	E	F	G	C	D
4	G	C	D	E	F

Matrix - II

	5	6	7	8	9
5	H	K	L	I	N
6	I	N	H	K	L
7	K	L	I	N	H
8	L	I	N	H	K
9	N	H	K	L	I

(A) 56, 58, 03, 02
(B) 59, 77, 85, 43
(C) 56, 62, 03, 02
(D) 57, 60, 10, 02

General Awareness

Q. 26.

Trickle down theory ignores the impact of economic growth on
(A) Investment
(B) Savings
(C) Income distribution
(D) Consumption

Q. 27.

The Comptroller and Auditor General of India does not audit the receipts and expenditure of
(A) Central Government
(B) Local Bodies
(C) State Government
(D) Government Companies

Q. 28.

In which year did the Kakori conspiracy case take place?
(A) 1925
(B) 1924
(C) 1926
(D) 1927

Q. 29.

The Taj Mahal is called 'a dream in marble'. Which monument is called as 'a dream in stone'?
(A) The Rang Mahal
(B) The Panch Mahal
(C) The Red Fort

(D) The Bahai temple

Q. 30.

Sex-ratio in India is measured as

(A) Number of males per thousand females
(B) Number of females per thousand males
(C) Number of males per hundred females
(D) Number of females per hundred males

Q. 31.

Companion cells are unique to

(A) Bryophytes
(B) Pteridophytes
(C) Angiosperms
(D) Gymnosperms

Q. 32.

Which one of the following is an insulator?

(A) Copper
(B) Wood
(C) Mercury
(D) Aluminium

Q. 33.

Bubbles of air rise up through liquids due to:

(A) Surface tension and adherence
(B) viscosity and buoyancy.
(C) air current over the liquid and buoyancy
(D) Up thrust and surface tension.

Q. 34.

Zeolite is

(A) hydrated ferric oxide
(B) hydrated sodium aluminium silicate
(C) sodium hexameta phosphate
(D) sodium tetra borate

Q. 35.

The boiling point of liquids vary as

(A) pressure varies
(B) temperature varies
(C) volume varies

(C) build up public opinion
(D) Contest elections

Q. 42.

Which among the following is not correctly paired?
(A) Shivaji-Afzal Khan
(B) Nurjahan-Mahabat Khan
(C) Akbar-Rana Pratap
(D) Babar-Bairam Khan

Q. 43.

Which of the following deserts is rich in gold reserves?
(A) Arabian
(B) Thar
(C) Mongolian
(D) Atacama

Q. 44.

Lacrymal glands are situated in the
(A) Palms
(B) Buccal cavity
(C) Eye orbit
(D) Stomach

Q. 45.

The most extensive use of molasses after fermentation is for producing
(A) Methanol
(B) Sugar
(C) Ethanol
(D) Sugarcane

Q. 46.

Acid rain is caused due to pollution of atmosphere by
(A) oxides of nitrogen and sulphur
(B) oxides of nitrogen and phosphorous
(C) oxides of carbon and nitrogen
(D) oxides of nitrogen and methane

Q. 47.

The dispute over Siachin Glacier is between
(A) India and China
(B) India and Afghanistan

If 15% of x is three times of 10% of y, then x:y =

(A) 1:2
(B) 2:1
(C) 3:2
(D) 2:3

Q. 54.

A bookseller bought 500 text books for ₹ 20,000. He wanted to sell them at a profit so that he get 50 books free. At what profit percent should he sell them?

(A) 10
(B) 20
(C) 15
(D) 10.5

Q. 55.

20% of a man's salary is paid as rent, 60% are his living expenses and 10% are his savings. If he spends remaining ₹ 30 on the education of his children, find his salary

(A) 300
(B) 900
(C) 3000
(D) 9000

Q. 56.

A gun is fired at a distance of 6.64 km away from Ram. He hears the sound 20 seconds later. Then the speed of sound is

(A) 664 m/s
(B) 664 km/s
(C) 332 m/s
(D) 332 km/s

Q. 57.

The simple interest on Rs. 2000 for 2 years at Rs. 75 per thousand per annum will be

(A) Rs.150
(B) Rs.300
(C) Rs.600
(D) Rs.400

Q. 58.

If $x = 1 + \sqrt{2} + \sqrt{3}$, then the value of $x^2 - 2x - 4$ is

(A) $\sqrt{6}$
(B) $2\sqrt{3}$
(C) $3\sqrt{2}$

(D) 2√6

Q. 59.

If, $\frac{(a+b)}{\sqrt{ab}} = \frac{2}{1}$, then the value of (a - b) is

यदि $\frac{(a+b)}{\sqrt{ab}} = \frac{2}{1}$ हो, तो (a - b) का मान क्या होगा ?

(A) 1

(B) 0

(C) -1

(D) 2

Q. 60.

If ΔABC is an equilateral triangle of side 16 cm, then the length of altitude is

(A) 2√3 cm

(B) 4√3 cm

(C) 8√3 cm

(D) 5√3 cm

Q. 61.

O is the circumcentre of ΔABC. If AO = 8 cm, then the length of BO is

(A) 12 cm

(B) 3 cm

(C) 6 cm

(D) 8 cm

Q. 62.

Given that tan(θ + 15°) = √3. Then the value of θ is?

(A) 15°

(B) 75°

(C) 45°

(D) 65°

Q. 63.

The least number of square tiles of side 41 cms required to pave the ceiling of a room of size 15m 17cm long and 9m 2 cm broad is:

(A) 902

(B) 656

(C) 738

(D) 814

Q. 64.

The average of fruits offered in a temple in a week was 75. The average of fruits offered in six days excluding

Tuesday was 72. How many fruits were offered on Tuesday?

(A) 90

(B) 93

(C) 72

(D) 92

Q. 65.

If $a = x^{\frac{1}{3}}y^{\frac{1}{3}} + x^{\frac{-1}{3}}y^{\frac{-1}{3}}$, then $a^3 - 3ay - x$ is equal to

यदि $a= x^{\frac{1}{3}}y^{\frac{1}{3}}+ x^{-\frac{1}{3}}y^{-\frac{1}{3}}$, हो तो a^3-3ay-x किस्के बरबर होगा

(A) $\frac{y^2}{x}$

(B) $\frac{x^2}{y}$

(C) $\frac{a^2}{x}$

(D) $\frac{a^2}{y}$

Q. 66.

If $x + \frac{1}{x} = 5$, then the value of $\frac{6x}{x^2+x+1}$ is,

यदि $x + \frac{1}{x} = 5$ हो, तो $\frac{6x}{x^2+x+1}$ का मान बताइएं ?

(A) 1

(B) 2

(C) 3

(D) 4

Q. 67.

If a > b > 0, AB = a - b cm, BC = 2√ab cm and AC = a + b cm, then ∠ABC is

(A) 45°

(B) 60°

(C) 90°

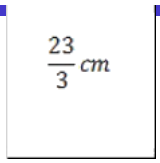
(D) 120°

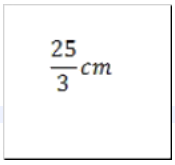
Q. 68.

PR is a tangent to a circle with centre O and radius 4 cm at point Q. If ∠POR = 90°, OR = 5 cm and OP = 20/3 cm, then the length of PR is:

(A) 3 cm

(B) $\frac{16}{3}cm$

(C) 

(D) 

Q. 69.

From a point, 40 m apart from the foot of a tower, the angle of elevation of its top is 60°. The height of the tower is

(A) 40√3
40√3

(B) 40√3 cm

(C) 40√3 m

(D) 40√2 m

Q. 70.

The radius of a sphere and hemisphere are same. The ratio of their total surface area is

(A) 3:1

(B) 2:1

(C) 3:2

(D) 4:3

Q. 71.

Two equal arcs of two circles subtend angle of 60° and 75° at the centre. The ratio of the radii of the two circles is

(A) 5/4

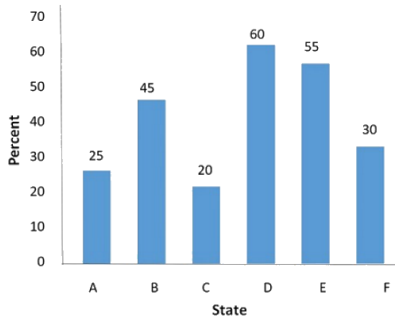
(B) 3/2

(C) 4/5

(D) 2/3

Q. 72.

Study the following graph carefully and answer the questions

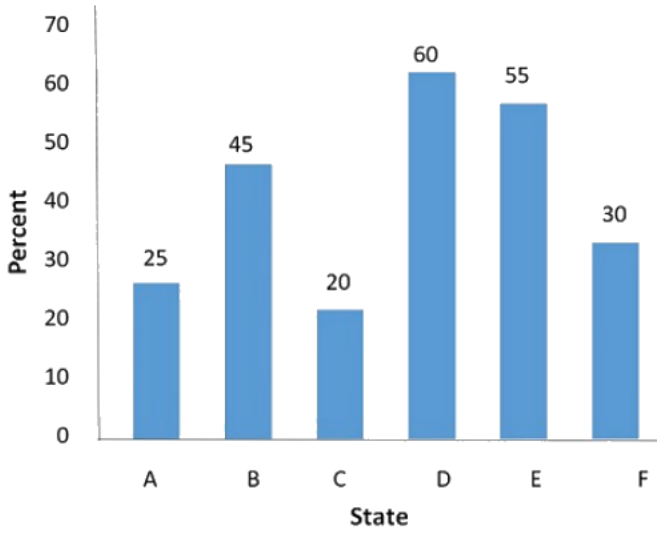


Which state has the maximum percentage of electrified villages?

(A) B
(B) C
(C) D
(D) F

Q. 73.

Study the following graph carefully and answer the questions

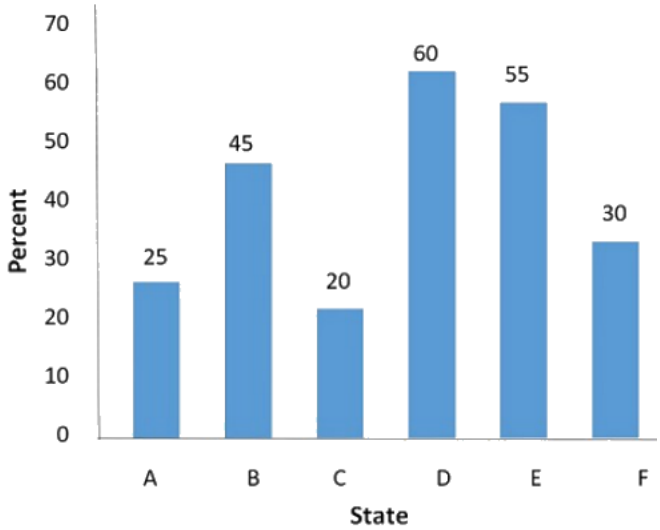


If the Central Government desires to give aid for speedy electrification starting from states with least electrification, which state will get fourth rank in order of priority?

(A) F
(B) C
(C) E
(D) B

Q. 74.

Study the following graph carefully and answer the questions



How many States have at least 60% or more electrified villages?

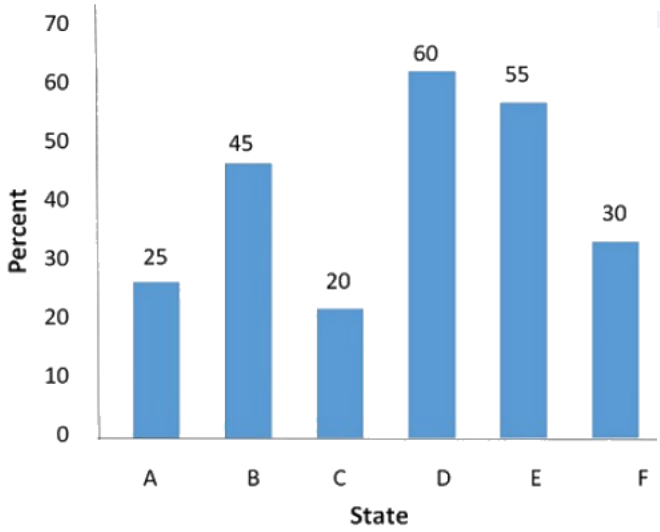
(A) Five
(B) Three

(C) Four

(D) Two

Q. 75.

Study the following graph carefully and answer the questions



Which state has twice the percentage of villages electrified in comparison to state D?

(A) A

(B) E

(C) F

(D) C

English Comprehension

Q. 76.

Four words are given, out of which only one word is spelt correctly. Choose the correctly spelt word and click the button corresponding to it.

(A) Conniosseur

(B) Connoisseur

(C) Connossieur

(D) Connosseiur

Q. 77.

In the following question, out of the four alternatives, choose the word which is opposite in meaning to the given word and click the button corresponding to it.

SOOTHE

(A) QUENCH

(B) MITIGATE

(C) HEAL

(D) AGITATE

Q. 78.

In the following question, out of the four alternatives, choose the word which best expresses the meaning of the given word and click the button corresponding to it.

DEVASTATION

(A) DESTRUCTION
(B) CONSTRUCTION
(C) SEPARATION
(D) FRUSTRATION

Q. 79.

Out of the four alternatives, choose the one which can be substituted for the given words/sentences and click the button corresponding to it. An exact copy

(A) Facsimile
(B) Twin
(C) Mirror
(D) Clone

Q. 80.

Out of the four alternatives, choose the one which can be substituted for the given words/sentences and click the button corresponding to it. To give money to agents for sales.

(A) Salary
(B) Commission
(C) Fee
(D) Incentive

Q. 81.

Out of the four alternatives, choose the one which can be substituted for the given words/sentences and click the button corresponding to it. A person who is working in the same institution.

(A) Guide
(B) Collector
(C) Captain
(D) Colleague

Q. 82.

In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and click the button corresponding to it.

Cat-nap

(A) Rest
(B) Fitful sleep
(C) Long sleep
(D) Short sleep

Q. 83.

In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and click the button corresponding to it.

To pull a long face

(A) Looked happily

(B) Looked surprised

(C) Looked sad

(D) Looked calm

Q. 84.

In each of the questions, four alternatives are given for the Idiom/Phrase. Choose the alternative which best expresses the meaning of the Idiom/Phrase and click the button corresponding to it.

Fit her like a glove.

(A) Too large

(B) Too shabby

(C) Too tight

(D) Perfectly

Q. 85.

The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.

Health is too important to be _____.

(A) discarded

(B) disposed

(C) neglected

(D) detested

Q. 86.

The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.

I am _____this crime.

(A) ignorant on

(B) innocent of

(C) indebted to

(D) ignoring

Q. 87.

The sentences given with blanks are to be filled with an appropriate word(s). Four alternatives are suggested for each question. For each question, choose the correct alternative and click the button corresponding to it.

I was _____ paying the toll tax.

(A) free from

(B) exonerated from

(C) exempted from

(D) exposed to

Q. 88.

In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the “No error” option.

I used (A)/ a pair of black trousers (B) / for a week (C)/ No error (D)

(A) A
(B) B
(C) C
(D) D

Q. 89.

In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the “No error” option.

He has made a mistake (A)/ of which (B) / I am certain (C) / No error (D)

(A) A
(B) B
(C) C
(D) D

Q. 90.

In the following questions, one part of the sentence may have an error. Find out which part of the sentence has an error and click the button corresponding to it. If the sentence is free from error, click the “No error” option.

He was not allowed (A) / for the teacher (B) / to read in a low voice (C) / no error (D)

(A) A
(B) B
(C) C
(D) D

Q. 91.

A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

My mom grew up in a traditional Chinese family in which open expressions of love were never encouraged. When she had me and my three siblings, she treated us with the same hard hand. It was not that she was a slave driver or anything, but she never openly showed affection. Instead, she demonstrated that she cared in more practical ways.

My parents couldn't have been more different emotionally. My dad is a really open-hearted person who constantly showers us with hugs and kisses no matter the occasion. After much persuasion from him, my mother did try to change, but it was clear that she never felt quite right expressing her emotions. Eventually, she reverted to her old self.

The difference between my parents was never starker than whenever I brought home good test results from school. My dad would practically jump with joy, offering warm and affectionate words of congratulations, and my mother? "Ah, good, good" she would typically say with a tense smile etched on her face. "Do better next time, OK?"

I tried not to hold a grudge against her for being so reserved. That was just her way. I reasoned.

Why did the narrator not bear a grudge against her mother?

(A) She felt that her mother had that kind of nature

(B) She was satisfied with her father's love

(C) Her mother was incapable of loving

(D) Her mother was angry with everyone

Q. 92.

A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

My mom grew up in a traditional Chinese family in which open expressions of love were never encouraged. When she had me and my three siblings, she treated us with the same hard hand. It was not that she was a slave driver or anything, but she never openly showed affection. Instead, she demonstrated that she cared in more practical ways.

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I tried not to hold a grudge against her for being so reserved. That was just her way. I reasoned.

The narrator's mother reverted to her old self because

(A) she fought with her husband

(B) she did not feel comfortable in revealing her emotions

(C) she was angry with the children

(D) her husband wanted her to be her old self

Q. 93.

A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

My mom grew up in a traditional Chinese family in which open expressions of love were never encouraged. When she had me and my three siblings, she treated us with the same hard hand. It was not that she was a slave driver or anything, but she never openly showed affection. Instead, she demonstrated that she cared in more practical ways.

My parents couldn't have been more different emotionally. My dad is a really open-hearted person who constantly showers us with hugs and kisses no matter the occasion. After much persuasion from him, my mother did try to change, but it was clear that she never felt quite right expressing her emotions. Eventually, she reverted to her old self.

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my mother? "Ah, good, good" she would typically say with a tense smile etched on her face. "Do better next time, OK?"

I tried not to hold a grudge against her for being so reserved. That was just her way. I reasoned.

The narrator's mother didn't appreciate the narrator's results because

(A) the marks were not good

(B) the marks could be better

(C) she wasn't very expressive

(D) she was tense

Q. 94.

A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

My mom grew up in a traditional Chinese family in which open expressions of love were never encouraged. When she had me and my three siblings, she treated us with the same hard hand. It was not that she was a slave driver or anything, but she never openly showed affection. Instead, she demonstrated that she cared in more practical ways.

My parents couldn't have been more different emotionally. My dad is a really open-hearted person who constantly showers us with hugs and kisses no matter the occasion. After much persuasion from him, my mother did try to change, but it was clear that she never felt quite right expressing her emotions. Eventually, she reverted to her old self.

The difference between my parents was never starker than whenever I brought home good test results from school. My dad would practically jump with joy, offering warm and affectionate words of congratulations, and my mother? "Ah, good, good" she would typically say with a tense smile etched on her face. "Do better next time, OK?"

I tried not to hold a grudge against her for being so reserved. That was just her way. I reasoned.

How is the narrator's dad different from her mother?

(A) He is dark

(B) He expresses his feelings openly

(C) He dislikes children

(D) He is persuasive in nature

Q. 95.

A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives and click the button corresponding to it.

My mom grew up in a traditional Chinese family in which open expressions of love were never encouraged. When she had me and my three siblings, she treated us with the same hard hand. It was not that she was a slave driver or anything, but she never openly showed affection. Instead, she demonstrated that she cared in more practical ways.

My parents couldn't have been more different emotionally. My dad is a really open-hearted person who constantly showers us with hugs and kisses no matter the occasion. After much persuasion from him, my mother did try to change, but it was clear that she never felt quite right expressing her emotions. Eventually, she reverted to her old self.

The difference between my parents was never starker than whenever I brought home good test results from school. My dad would practically jump with joy, offering warm and affectionate words of congratulations, and my mother? "Ah, good, good" she would typically say with a tense smile etched on her face. "Do better next time, OK?"

I tried not to hold a grudge against her for being so reserved. That was just her way. I reasoned.

Why was the narrator's mother not expressive of her love?

(A) She was of Chinese origin

(B) It was not her nature

(C) She was a harsh person

(D) The tradition at her home didn't allow her.

Q. 96.

A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to “No improvement”. Both of us had a different opinion about it.

(A) Both of us has

(B) Each of us had

(C) Each of us have

(D) No improvement

Q. 97.

A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to “No improvement”. The trade union is hell bent at getting its demands fulfilled

(A) hell bent in

(B) hell bent about

(C) hell bent on

(D) No improvement

Q. 98.

A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no improvement is needed, click the button corresponding to “No improvement”. The police had to break the door to get in

(A) to break up

(B) to break in

(C) to break down

(D) No improvement

Q. 99.

A sentence/a part of the sentence is underlined. Four alternatives are given to the underlined part which will improve the sentence. Choose the correct alternative and click the button corresponding to it. In case no